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[metadata adjust viewing area]

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Block bundle adjustment of Ikonos in-track images

T Toutin - International Journal of Remote Sensing, 2003 - informaworld.com

... of the Ikonos images and **metadata**; 2. acquisition of ... four Ikonos panchromatic off-nadir **viewing** images in ... triangulation method using a block bundle **adjustment**. ...[Cited by 11](#) - [Related articles](#) - [BL Direct](#) - All 6 versions

Presentation of data to be displayed in a wireless network

TM Cronin, MH Shimoda, RP Banginwar, TT ... - US Patent App. 10/260,745, 2002 - Google Patents

... support a service that may **adjust** the presentation ... USER INTERFACE DATA & PRESENTATION**META DATA** 44 AUTOMATICALLY ... may be stored as presentation **metadata** that is ...[All 2 versions](#)

METHOD FOR INTERACTING WITH A THREE-DIMENSIONAL GRAPHICAL...

N CHANG - 2003 - freepatentsonline.com

... to a hierarchical tree based on **metadata** are made ... adjusted to provide the optimal **viewing** of the ... the user with independent tilt **adjustment** capability can, in ...[All 5 versions](#)

User interface and method for interacting with a three-dimensional graphical environment

NLA Chang - US Patent App. 10/021,648, 2001 - Google Patents

... 8 shows **adjustment** of **viewing** angle depen- dent ... according to the images' corresponding data object **meta- data**. ... a hierarchical tree based on **metadata** are made ...[All 4 versions](#)

Calibrated, registered images of an extended urban area- ► mit.edu [PDF]

S Teller, M Antone, Z Bodnar, M Bosse, S ... - International Journal of Computer Vision, 2003 - Springer

... by the type of calibration **metadata** available for ... mosaic (left), an interactive perspective **view** of the ... detection with semi-automated bundle **adjust-** ment, in ...[Cited by 82](#) - [Related articles](#) - [BL Direct](#) - All 23 versions

Updated Population Metadata for United States Historical Climatology Network Stations

TW Owen, KP Gallo - Journal of Climate, 2000 - ams.allenpress.com

Full Text **View**. ... includes population-based temperature modifications to **adjust** urban temperatures ... Unfortunately, the decennial population **metadata** file is not ...[Cited by 2](#) - [Related articles](#) - [BL Direct](#) - All 8 versions

Private display system

CA Zacks, D Harel, F Marino, KM Taxier, MJ ... - US Patent App. 10/650,896, 2003 - Google Patents

... or more people to enter system **adjustment** preferences such ... possible define more than three **viewing areas** in presentation ... 10 can be limited to an **area** that is ...[All 2 versions](#)

ANIMATION DATABASES

Z Huang, N Chokkareddy, B Prabhakaran - Handbook of video databases: design and applications, 2003 - books.google.com

... Reusing animations is a research **area** to devise the 417 ... 17.15 Model **metadata view**Figure 17.16 Model **metadata** GUI 4.4 MOTION **ADJUSTMENT VIEW** Similar to the ...

[Related articles](#)

[Interactive maps for a digital video library- ►cmu.edu \[PDF\]](#)

MG Christel, AM Olligschlaeger, C Huang - IEEE Multimedia, 2000 - ieeexplore.ieee.org
... The text **meta- data** associates text with video ... term expansion Natural language processing, context **adjustment** Location **metadata** (latitude/longitude, video start ...

[Cited by 68](#) - Related articles - BL Direct - All 19 versions

[\[PDF\] ►Prototype Web-based continuing medical education using FlashPix images.](#)

A Landman, Y Yagi, J Gilbertson, R Dawson, ... - Proceedings of the AMIA Symposium, 2000 - pubmedcentral.nih.gov

... tronic mail. multaneous image and **meta-data** storage'2. ... This lower right **View area** was d_i panel, preserving the maximized as visibility of the patient ...

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[stream metadata adjust viewing area "aspect ratio"] [1990] - [2003] [Search](#)

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Method for adjusting parameters for the presentation of multimedia objects

SA Kendall, TL Turner - US Patent App. 10/625,003, 2003 - Google Patents

... as media server 134 and a **streaming** media player ... guide listing such a media object, **metadata** present in ... these types of media content by **adjusting** the setting ...

[Related articles](#) - [All 4 versions](#)

Libraries as publishers of digital video

WD Kearns - Building a Virtual Library, 2003 - books.google.com

... bitrate and frame rate to **adjust** for the ... advances in intelligent processing of the video **stream** will allow for encoding more sophisticated **metadata** and interactive ...

[Related articles](#) - [All 2 versions](#)

Apparatus and method for performing image transforms in a digital display system

N Margulis - US Patent 6,456,340, 2002 - Google Patents

... the corners exhibit worse radial distortion than other display **areas**. ... may include a standard MPEG-2 **stream** as a base ... ratio would be if each **view** were captured ...

[Cited by 8](#) - [Related articles](#) - [All 4 versions](#)

Digital picture frame and method for editing

JS Walker, JA Jorasch, RP Sammon, SM ... - US Patent App. 10/639,090, 2003 - Google Patents

... Further, different users may modify a picture in different ways, so that two different users may **view** two different versions of the same picture. ...

[All 2 versions](#)

System and method for using bitstream information to process images for use in digital ...

N Margulis, C Fogg - US Patent 6,157,396, 2000 - Google Patents

... exhibit worse radial distortion than other display **areas**. ... so that each eye perceives a different **view**. ... the video streams, or an image key **meta data stream**. ...

[Cited by 11](#) - [Related articles](#) - [All 4 versions](#)

EBU/SMPTE joint task force for harmonised standards for the exchange of television ...

H Hoffmann - Broadcasting Convention, 1997. International, 1997 - ieeexplore.ieee.org

... profiles" which allow a degree of **adjustment** to those ... formats within the **Metadata** registry referred to above ... take place either as a continuous **stream** (as with ...

[BL Direct](#) - [All 4 versions](#)

DAVE: a system for quality driven adaptive video delivery

S Nepal, U Srinivasan - Proceedings of the 5th ACM SIGMM international ..., 2003 - portal.acm.org

... it is reasonable to expect users to **view** just the ... must encode original video into Microsoft **streaming** format (eg ... Ration ar 0 = w 0 / h 0 Device **Aspect Ratio** ar d ...

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A 2-D MPEG-4 multimedia authoring tool

DW Viljoen, AP Calitz, NLO Cowley - Proceedings of the 2nd international conference on ..., 2003 - portal.acm.org

... at a lower level than BIFS providing **metadata** and define the ... mainly targets the DVD and video **streaming** market aiming ... to the scene the user may **adjust** its size ...

Cited by 7 - Related articles - All 2 versions

[book] **Streaming media: building and implementing a complete streaming system**

GC Demetriadis - 2003 - books.google.com

... Creating the Illusion of Dimension 19 **Adjusting** the Point ... Looking at the Future of
Video **Metadata** 193 The ... 195 Synthesizing E-Commerce and **Streaming** 196 Legal ...

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Method for Performing Image Transforms in a Digital Display System

N Margulis - US Patent App. 10/039,346, 2001 - Google Patents

... the corners exhibit worse radial distortion than other display **areas**. ... may include
a standard MPEG-2 **stream** as a base ... ratio would be if each **view** were captured ...

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N-view synthesis from monocular video of certain broadcast and stored mass media content

MS Lee, T Brodsky, D Weinshall, M Trajkovic - US Patent App. 09/851,445, 2001 - Google Patents

... supplied, for example, through MPEG **stream meta-data**, which could ... For each region, those **mask** pixels that correspond ... B', C', respectively, in the new **view**. ...

[All 4 versions](#)

A 2-D MPEG-4 multimedia authoring tool

DW Viljoen, AP Calitz, NLO Cowley - Proceedings of the 2nd international conference on ..., 2003 - portal.acm.org

... a lower level than BIFS providing **metadata** and define ... targets the DVD and video **streaming** market aiming ... then manipulate, scale, rotate, skew, **mask**, and animate ...

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... the corners exhibit worse radial distortion than other display **areas**. ... may include a standard MPEG-2 **stream** as a base ... ratio would be if each **view** were captured ...

All 2 versions

[book] DTV handbook: the revolution in digital video

JC Whitaker - 2001 - books.google.com

... at the top of the receiver cabinet permitted **viewing**. ... faceplate together with a curved shadow **mask** mounted directly ... factor that affects the coverage **area** of a ...

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[book] Three-dimensional television, video and display technology

B Javidi, F Okano - 2002 - books.google.com

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Imaging method and system

LB Herbert, KM Taxier, HJ Fink, A Casciano - US Patent App. 10/601,233, 2003 - Google Patents

... used in conjunction with digital cameras can **mask** the loss ... the digital image data comprises a **stream** of apparently ... can also be used to generate **metadata** M in ...

All 7 versions

Display device with automatic **area of importance** display

SJ Beck - US Patent App. 10/745,006, 2003 - Google Patents

... a liquid crystal display (LCD) as a **mask** to highlight ... the digital image data comprises a **stream** of apparently ... also be used to generate **metadata** in association ...

All 2 versions

... for blurring portions of a verification image to show out of focus areas in a captured ...

SM Belz, JE Adams, KA Parulski - US Patent App. 10/028,644, 2001 - Google Patents

... using a liquid crystal display (LCD) as a **mask** to highlight ... display resolution to show out of focus **areas** in an ... 2a is a rear view of the camera embodiment of ...

All 4 versions

Photofinishing method

JR Milch - US Patent App. 09/726,942, 2000 - Google Patents

... for optically recording and recovering **meta-data** from photographic film ... component 28 reformats the **stream** of image ... will reliably place the **metadata** inside the ...

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N-view synthesis from monocular video of certain broadcast and stored mass media content
 MS Lee, T Brodsky, D Weinshall, M Trajkovic - US Patent App. 09/851,445, 2001 - Google Patents
 ... supplied, for example, through MPEG **stream meta-data**, which could ... For each region, those **mask** pixels that correspond ... B', C', respectively, in the new **view**. ...

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DW Viljoen, AP Calitz, NLO Cowley - Proceedings of the 2nd international conference on ..., 2003 - portal.acm.org

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... at the top of the receiver cabinet permitted **viewing**. ... faceplate together with a curved shadow **mask** mounted directly ... factor that affects the coverage **area** of a ...

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Photofinishing method

JR Milch - US Patent App. 09/726,942, 2000 - Google Patents

... for optically recording and recovering **meta-data** from photographic film ... component
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Automatic detection of **letterbox and subtitles in **video****

V Markandey - US Patent 6,340,992, 2002 - Google Patents

... which is very common, is to **letterbox** the images ... **Letterboxing** occurs when the wide screen image is scaled down to ... Dark **video** lines are added above and below the ...[Cited by 3](#) - Related articles - All 2 versions... conditions likely to cause prediction errors in reduced resolution **video** decoders and for ...

L Pearlstein, J Henderson, J Fuhrer - US Patent 6,061,400, 2000 - Google Patents

... 6,061,400 May 9, 2000 [54] METHODS AND APPARATUS FOR DETECTING SCENE CONDITIONS LIKELY TO CAUSE PREDICTION ERRORS IN REDUCED RESOLUTION **VIDEO** DECODERS AND FOR ...[Cited by 6](#) - Related articles - All 2 versions... for decoding MPEG compliant **video** bitstreams meeting 2-frame and **letterboxing** ...

SP Varanasi, S Soman - US Patent 6,289,053, 2001 - Google Patents

... 11,2001 (54) ARCHITECTURE FOR DECODING MPEG COMPLIANT **VIDEO** BITSTREAMS MEETING 2-FRAME AND **LETTERBOXING** REQUIREMENTS (75) Inventors: Surya P. Varanasi, Tracy ...[Cited by 2](#) - Related articles - All 2 versions**Methods and apparatus for improving picture quality in reduced resolution **video** decoders**

L Pearlstein, J Henderson, J Fuhrer... - US Patent 6,148,033, 2000 - Google Patents

... 14,2000 [54] METHODS AND APPARATUS FOR IMPROVING PICTURE QUALITY IN REDUCED RESOLUTION

VIDEO DECODERS [75] Inventors: Larry Pearlstein, Newtown, Pa.; John ...[Cited by 3](#) - Related articles - All 2 versions**Methods and apparatus for decoding different portions of a **video** image at different ...**

L Pearlstein, J Henderson, J Fuhrer - US Patent 6,370,192, 2002 - Google Patents

... 9,2002 (54) METHODS AND APPARATUS FOR 5,398,079 A 3/1995 Liu DECODING DIFFERENT PORTIONS OF A 5,408,270 A 4/1995 Lim **VIDEO** IMAGE AT DIFFERENT 5,422,677 A 6 ...[Cited by 3](#) - Related articles - All 2 versions**Automatic **letterbox** detection**

PD Filliman, NH Ersoz, TW Saeger, DJ ... - US Patent 5,486,871, 1996 - Google Patents

... A **video** control system, comprises a deflection system having a dimensionally adjustable raster, a circuit for detecting a **letterbox** **video** signal source and a ...[Cited by 9](#) - Related articles - All 7 versions**Letterbox filter apparatus and method**

SC Gadre, T Ozcelik - US Patent 6,259,479, 2001 - Google Patents

... too much delay into the **video** processing function ... Often, **letterboxing** requires that image lines be stored in ... Other schemes create the **letterbox** image and write ...[Cited by 3](#) - Related articles - All 2 versions... for use in decoding MPEG compliant **video** bitstreams meeting 2-frame and **letterboxing**

SP Varanasi, S Soman - US Patent 6,101,221, 2000 - Google Patents

... While the syntax for coding **video** information into a ... The **letterbox** format is longer

and narrower than the ... The problem with **letterboxing** is that the image is ...

Cited by 1 - Related articles - All 2 versions

Videophilia: What Happens When You Wait for It on Video

CS Tashiro - Film Quarterly, 1991 - jstor.org

... the latter, since it has evolved into the "quality" **video** medium, with ... screen films at full horizontal width, with the resulting "**letterbox**" shape.' Videodisc ...

Cited by 3 - Related articles - All 3 versions

Method for decoding MPEG compliant **video** bitstreams meeting 2-frame and **letterboxing** ...

SP Varanasi, T Jing, S Soman - US Patent 6,236,681, 2001 - Google Patents

... US 6,236,681 B1 (45) Date of Patent: *May 22,2001 (54) METHOD FOR DECODING MPEG COMPLIANT VIDEO BITSTREAMS MEETING 2-FRAME AND LETTERBOXING REQUIREMENTS (75 ...

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[\[PDF\]](#) ► Copy protection for DVD **video**

JA Bloom, IJ Cox, T Kalker, JPMG Linnartz, ... - Proceedings of the IEEE, 1999 - Citeseer
... be held responsible for propagating these **metadata**, as they ... fa- cility to geometrically alter the **video** in two ... **Letterbox** is a technique that changes the aspect ...

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Temporal video boundaries

N Dimitrova, L Agnihotri, R Jainschi - **Video Mining**, 2003 - books.google.com
... This level of detailed **metadata** can enable the user to ... distance between consecutive abrupt shot changes), • **letterbox** format, ie if the **video** material is ...

Cited by 5 - Related articles - All 2 versions

Method for watermarking a video display based on viewing mode

AM Proehl - US Patent App. 10/636,851, 2003 - Google Patents
... watermark can be dis- played in a **letterbox** area of ... the primary content data in the **video** stream ... of these variables can be controlled by **metadata** that includes ...

Cited by 1 - Related articles - All 4 versions

Content analysis apparatus

JAD Nesvadba, F Snijder, M Barbieri - US Patent App. 10/477,493, 2003 - Google Patents
... to receive processing param- eters from the **video** processor, said ... The **meta data** may contain information like whether the ... is in 4:3 or **letterbox** format, whether ...
All 7 versions

Videorecording cataloging: Problems and pointers

J Weitz - Cataloging & Classification Quarterly, 2002 - informaworld.com
... **Letterboxing** is a technique used in **video** publishing to ... **Letter- boxing**, also known as "widescreen" format, usually ... span fits onto the **video** screen, leaving ...
Cited by 6 - Related articles - BL Direct - All 3 versions

Systems and methods for supplementing on-demand media

WL Thomas, MD Ellis, DM Berezowski, KB ... - US Patent App. 09/974,529, 2001 - Google Patents
... 8 of 28 US 2002/0042920 A1 410 \ USER INPUT DEVICE 370 \ 2QQ **VIDEO AND DATA IN** ... Content Along With Selected On-Demand Media (eg, Synchronous **Metadata**) 2215 YES ...
All 6 versions

Asset management system and asset management method

S Takagi, N Yanagita, K Abe - US Patent App. 10/009,152, 2002 - Google Patents
... manages **metadata** in a concentrated fashion along with the essence such as **video** and audio data. By a distributed programme editing system (10), the **meta- data** ...
All 6 versions

Video transcoder with bitstream look ahead for rate control and statistical multiplexing

A Wells, E Linzer - US Patent 6,310,915, 2001 - Google Patents
... Such **meta data** indicates various decisions previously made in ... portions/subregions thereof (eg, in **letter-boxing** areas of ... rate assigned to the **video** signal (eg ...
Cited by 9 - Related articles - All 2 versions

[PDF] ► **Video segmentation for post-production**

C Wills - Proceedings of the SPIE Conference on Storage and ..., 2002 - dcs.gla.ac.uk
... often completely unstructured, without any **metadata** or audio ... Material broadcast in
letterbox format presents problems for ... performs well on music **video** 6, which ...

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Video advertising

JJ Sie, JC Beyler, GR DePrez - US Patent App. 10/460,753, 2003 - Google Patents
... 12,2004 (54) **VIDEO ADVERTISING** (75) Inventors: John J. Sie, Englewood, CO (US);
John C. Beyler, Highlands Ranch, CO (US); Gregory R. DePrez, Highlands Ranch ...

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JA Bloom, IJ Cox, T Kalker, JPMG Linnartz, ... - Proceedings of the IEEE, 1999 - Citeseer
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C Wills - Proceedings of the SPIE Conference on Storage and ..., 2002 - dcs.gla.ac.uk
... often completely unstructured, without any **metadata** or audio ... Material broadcast in **letterbox** format presents problems for ... performs well on music **video** 6, which ...
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[PDF] ► Adaptive Graphics

B Jung, J McKeown - Conference Proceedings XML Europe, 2002 - his.uvic.ca
... Collection times at **letterboxes**, ... normalising the remaining multimedia formats, ie audio and **video**? ... involved in creating the necessary **metadata** outweigh the ...
Cited by 4 - Related articles - View as HTML - All 7 versions

Enhanced television services for digital **video recording and playback**

JA Schrader, JD Crawford, TB San Jule, AP ... - US Patent App. 10/052,111, 2002 - Google Patents
... 522 CHANNEL 514 MASS STORAGE INTERFACE 540 DVR 530 SYSTEM BUS USER INPUT INTERFACE 524 528 — OTHER PROGRAM MODULES 546 **VIDEO DATA** 550 ... 16b **Meta-data** Directory ...
All 6 versions

Targeted advertising in on demand programming

C Eldering, JA Schlack, MA Plotnick, RF ... - US Patent App. 10/068,771, 2002 - Google Patents
... 7/173 (52) US CI 725/34; 725/35; 725/46; 725/87 (57) ABSTRACT Selecting targeted advertisements to be presented to subscribers along with selected video in a ...

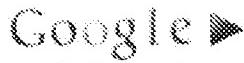
All 2 versions

[book] Digital Rights Management and Content Development/Edited by Bill Cope and Robin ...

B Cope, R Freeman - 2001 - books.google.com

... all centred around digital creation and dissemination, technologies which make it so much easier to copy and circulate text, audio, images and video. ...

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MG Christel, AM Olligschlaeger, C Huang - IEEE Multimedia, 2000 - ieeexplore.ieee.org
... The text **meta-data** associates text with **video** times and is then ... Digitized, compressed audio and **video** ... Location **metadata** (latitude/longitude, **video** start/end) ...

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[\[PDF\] ► A multi-view intelligent editor for digital video libraries](#)

BA Myers, JP Casares, S Stevens, L Dabbish, ... - Proceedings of the ACM/IEEE Joint Conference on ..., 2001 - cs.cmu.edu
... The **meta-data** includes shot boundaries and a time-synchronized ... by Informedia to supply the **metadata** that Silver ... the selected portion of the **video**, Silver uses ...
Cited by 29 - Related articles - View as HTML - All 11 versions

[\[BOOK\] Three-dimensional television, **video** and display technology](#)

B Javidi, F Okano - 2002 - books.google.com
... **Video** technology, as it continues to advance, is increasingly ... Projection Display
89 3.7.2 **Adjustment** for the ... 3.8 Discussion 92 3.8.1 **Viewing Area** of Maxwellian ...
Cited by 134 - Related articles - All 3 versions

[Simplifying **video** editing using **metadata**- ► psu.edu \[PDF\]](#)

J Casares, AC Long, BA Myers, R Bhatnagar, ... - Proceedings of the 4th conference on Designing ..., 2002 - portal.acm.org
... significantly improves on this idea by using **meta-data**. ... tedium of editing **video** by using **metadata** to provide ... may **adjust** the audio or **video** boundaries based ...
Cited by 34 - Related articles - All 11 versions

[\[PDF\] ► Near Real Time **Video** Mosaicking with RAVEN View](#)

T Jamison, A Pope, C Davis - Proc. ASPRS, Apr, 2000 - gis.usu.edu
... **video** mosaics when the **video** is accompanied by **metadata**. ... edge effects found in many **video** cameras, causing ... mosaic is tonally balanced by **adjusting** the pixel ...
Cited by 2 - Related articles - View as HTML

[Autonomous **video** registration using sensor model parameter adjustments- ► ucf.edu \[PDF\]](#)

RW Cannata, M Shah, S Blask, JA Van ... - Applied Imagery Pattern Recognition Workshop (AIPR), 2000 - doi.ieeecomputersociety.org
... In the present context, **metadata** ("telemetry data"), describing ... using a Kalman filter to **adjust** the images. ... the effect of using multiple **video** frames in ...
Cited by 17 - Related articles - All 11 versions

[Method and apparatus for automatically converting source **video** into electronic mail ...](#)

L Begeja, DC Gibbon, Z Liu, RE Markowitz, ... - US Patent App. 10/325,830, 2002 - Google Patents
... scene change, audio analysis, compression) | **Meta Data DB** ... a search of titles or other **metadata** to identify ... labor associated with delivery of **video** content to a ...
All 2 versions

[User interface and method for interacting with a three-dimensional graphical environment](#)

NLA Chang - US Patent App. 10/021,648, 2001 - Google Patents

... which the object type is movie **videos**, types of ... according to the images' corresponding data object **meta- data**. ... a hierarchical tree based on **metadata** are made ...

All 4 versions

Video and digital multimedia aggregator content coding and formatting

WD Swart, JS Mccoskey, ML Asmussen - US Patent App. 09/973,067, 2001 - Google Patents

... of auxiliary services, and other **metadata** elements that ... may not be available in a specific **viewing area**. ... include audio programming, streaming **video**, local or ...

All 7 versions

Collages as dynamic summaries for news video- ►vu.nl [PDF]

MG Christel, AG Hauptmann, HD Wactlar, TD ... - Proceedings of the tenth ACM international conference ..., 2002 - portal.acm.org

... the query are identified, and synchronization **metadata** used to ... 409 **video** documents are returned from the map query ... The user can **adjust** the date slider to reduce ...

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89 3.7.2 Adjustment for the ... 3.8 Discussion 92 3.8.1 Viewing Area of Maxwellian ...[Cited by 134](#) - Related articles - All 3 versions**A process-independent, 800-MB/s, DRAM byte-wide interface featuring command ...****► seu.edu.cn [PDF]**

... G Tsang, M Ching, CL Portmann, R Inc, M View - IEEE Journal of Solid-State Circuits, 1998 - ieeexplore.ieee.org

... the process detector are used to **adjust** output slew ... This **meta-data**- base construction is scalable in small ... Sunnyvale, CA, where he designed **video** decoders and ...[Cited by 18](#) - Related articles - BL Direct - All 5 versions**Video and digital multimedia aggregator content coding and formatting**

WD Swart, JS Mccoskey, ML Asmussen - US Patent App. 09/973,067, 2001 - Google Patents

... of auxiliary services, and other **metadata** elements that ... may not be available in a specific **viewing area**. ... include audio programming, streaming **video**, local or ...[All 7 versions](#)**[BOOK] DTV handbook: the revolution in digital video**

JC Whitaker - 2001 - books.google.com

... broadcast satellite television • Personal computers • **Video-on-demand** ... top of the receiver cabinet permitted **viewing**. ... that affects the coverage **area** of a TV ...[Cited by 16](#) - Related articles - All 2 versions**System and method for using bitstream information to process images for use in digital ...**

N Margulis, C Fogg - US Patent 6,157,396, 2000 - Google Patents

... to wear red and green glasses so that each eye perceives a different **view**. ... cues on how to best interpret the **video** streams, or an image key **meta data** stream ...[Cited by 11](#) - Related articles - All 4 versions**[BOOK] Digital video camerawork**

P Ward - 2000 - books.google.com

... The amount of signal **adjust-** ment that occurs in ... compensation can be built into the **video** signal to ... 102), but other factors affecting **viewing** conditions are ...[Cited by 5](#) - Related articles - All 3 versions**Apparatus and method for performing image transforms in a digital display system**

N Margulis - US Patent 6,456,340, 2002 - Google Patents

... Experts Group (MPEG) can compact **video** 50 data ... exhibit worse radial distortion than other display **areas**. ... including a display device for **viewing** image, and a ...[Cited by 8](#) - Related articles - All 4 versions**[PDF] ► Experiments with delivery of HDTV over IP networks**C Perkins, L Gharai, T Lehman, A Mankin - Proceedings of the 12th International Packet **Video** ..., 2002 - isi.edu... **Adjusting** these parameters does not appear to significantly affect ... payload format

for uncompressed **video**, better preserving frame **metadata** should be ...

Cited by 25 - Related articles - View as HTML - All 22 versions

[Indexing, browsing, and searching of digital video and digital audio information- ►psu.edu](#)

[PDF]

AF Smeaton - Lecture Notes in Computer Science, 2001 - Springer

... we developed a method of dynamically **adjusting** the threshold ... must be complimented by using programme **metadata** such as ... to stream MPEG-1 quality **video** to mobile ...

Cited by 19 - Related articles - BL Direct - All 10 versions

[Image and **video** coding—Emerging standards and beyond- ►rutgers.edu](#) [PDF]

BG Haskell, PG Howard, YA LeCun, A Puri, J ... - Readings in multimedia computing and networking, 2001 - books.google.com

... of which is taken up by I/O. When viewing less than ... Coding of multimedia **Metadata**, ie, data ... **Video** coding using MPEG-2 for advanced HDTV (high definition TV ...

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... of Pupil Size 445 18.4.2 Display Area of Stereoscopic ... 459 19 A Display System for Natural Viewing of 3 ... 2 Cylindrical Display System 469 19.4 Video Image Capture ...

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N-view synthesis from monocular video of certain broadcast and stored mass media content

MS Lee, T Brodsky, D Weinshall, M Trajkovic - US Patent App. 09/851,445, 2001 - Google Patents

... possible to test whether the input video is from ... for example, through MPEG stream

meta-data, which could ... For each region, those **mask** pixels that correspond to ...

All 4 versions

A process-independent, 800-MB/s, DRAM byte-wide interface featuring command ...

► [seu.edu.cn](#) [PDF]

... G Tsang, M Ching, CL Portmann, R Inc, M View - IEEE Journal of Solid-State Circuits, 1998 - ieeexplore.ieee.org

... a particular process, remapping logic **masks** out this ... This **meta-data**- base construction is scalable in small ... Sunnyvale, CA, where he designed **video** decoders and ...

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[book] DTV handbook: the revolution in digital video

JC Whitaker - 2001 - books.google.com

... satellite television • Personal computers • Video-on-demand ... the top of the receiver cabinet permitted **viewing**. ... with a curved shadow **mask** mounted directly ...

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Searching and editing MPEG-compressed video in a distributed online environment

HJ Meng, D Zhong, SF Chang - Multimedia Systems, 1999 - Springer

... which will be refined by some **metadata** about the ... For each **video** shot we further detected the moving ... Features such as macroblock map, **area**, centroid, and DCT DC ...

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Image and video coding—Emerging standards and beyond- ► [rutgers.edu](#) [PDF]

BG Haskell, PG Howard, YA LeCun, A Puri, J ... - Readings in multimedia computing and networking, 2001 - books.google.com

... photo images, MPEG-7 for multimedia **metadata**, and possible new ... The **mask** image can be encoded using JBIG2. ... 94 CHAPTER 2 Digital Image and **Video** Compression and ...

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N Margulis - US Patent 6,456,340, 2002 - Google Patents

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A method for extracting **video objects from a **video** clip**

S Chang, W Chen, HJ Meng, H Sundaram, DI ... - EP Patent 1,237,374, 2002 - freepatentsonline.com

... computer 110 includes a database 111 storing **metadata** for **video** ... The edge map is a binary **mask** where edge ... object trajectory defined by the normalized **video** clip ...

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[BOOK] **Digital video camerawork**

P Ward - 2000 - books.google.com

... of the display screen and its **viewing** distance will ... shadow **mask**, aperture grill or **slot-mask** (illustrated above ... NB: a **video** monitor refers to a visual display ...

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MPEG-7 Videotext description scheme for superimposed text in images and video

N Dimitrova, L Agnihotri, C Dorai, R Bolle - Signal Processing: Image Communication, 2000 - Elsevier

... program itself, as it is unrelated to the program in **view**. ... and black, which are predominantly used for text in **video**. ... edges are enhanced using a 3;3 **mask** [13 ...

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Apparatus and method for performing image transforms in a digital **display** system

N Margulis - US Patent 6,456,340, 2002 - Google Patents

... scaling to match the resolution and **aspect ratio** to the ... a digital imaging LCD or
to the **display** system. ... Pictures Experts Group (MPEG) can compact **video** 50 data ...

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... This **mask** image acts as a" switch" or stencil for the ... Coding of multimedia **Metadata**,
ie, data ... **Video** coding using MPEG-2 for advanced HDTV (high definition ...

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A method for extracting **video** objects from a **video** clip

S Chang, W Chen, HJ Meng, H Sundaram, DI ... - EP Patent 1,237,374, 2002 - freepatentsonline.com

... computer 110 includes a database 111 storing **metadata** for **video** ... The edge map is a
binary **mask** where edge ... object trajectory defined by the normalized **video** clip ...

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N-view synthesis from monocular **video** of certain broadcast and stored mass media content

MS Lee, T Brodsky, D Weinshall, M Trajkovic - US Patent App. 09/851,445, 2001 - Google Patents

... possible to test whether the input **video** is from ... for example, through MPEG stream
meta-data, which could ... For each region, those **mask** pixels that correspond to ...

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HJ Meng, D Zhong, SF Chang - Multimedia Systems, 1999 - Springer

... which will be refined by some **metadata** about the ... For each **video** shot we further detected
the moving ... Features such as macroblock map, **area**, centroid, and DCT DC ...

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... The screen may be one of three designs, shadow **mask**, aperture grill or slot-**mask**
(illustrated above ... NB: a **video** monitor refers to a visual **display** fed with a ...

Cited by 5 - Related articles - All 3 versions

[book] Video database systems: issues, products, and applications

AK Elmagarmid - 1997 - books.google.com

... systems that are being conceived. Another critical **area** that needs **video**
database technology is telemedicine. It is well known that ...

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MPEG-7 Videotext description scheme for superimposed text in images and video

N Dimitrova, L Agnihotri, C Dorai, R Bolle - Signal Processing: Image Communication, 2000 - Elsevier
... where there is a 'ticker-like' graphic **display** at the ... yellow and black, which are predominantly used for text in **video**. ... edges are enhanced using a 3;3 **mask** [13 ...

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[book] The art of digital video

J Watkinson - 2000 - books.google.com

... signal formats were essentially determined by requirements of the cathode ray tube as a **display**, so that ... 2 The Art of Digital **Video** across the United States. ...

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Masking for presenting differing display formats for media streams ...

The cited provisional application incorporates a technical appendix that includes

"Automatic Masking." (**Paul Rechsteiner**, Nik Gervae, Shawn Neely, ...)www.freshpatents.com/Masking-for-presenting-differing-display-formats-for-media-streams-dt20070524ptan20070118812.php - [Cached](#) - [Similar](#)**Bookmarks and watchpoints for selection and presentation of media ...**15, 2003, in the name of **Paul RECHSTEINER**, Shawn NEELY, Lawrence KESTELOOT,Daniel COLLENS [0145] **"Automatic Masking"** (Revision 5 , 2003 - 08 - 07). ...www.freepatentsonline.com/y2004/0139047.html - [Similar](#)
by P Rechsteiner - 2003**Displaying and presenting multiple media streams from multiple DVD ...****Rechsteiner, Paul** (Toronto, CA) Malcolm, Michael A. (Aspen, CO, US) 15, 2003, itself including a document titled **"Automatic Masking"**www.freepatentsonline.com/y2005/0050103.html - [Similar](#)
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St. **Paul**, MN. William A. Rutala, PhD, MPH, CIC. William E. Scheckler, MD patient's room, staff members do not have to **mask** prior to entry into the anteroom if
Rechsteiner J, Landheer JE, de Jong J, van Kregten E, Lindner JG. Reichert M.
Automatic washers/disinfectors for flexible endoscopes. ...
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... pixels on a video monitor having a different display aspect ratio than the pixel aspect ratio

A Fujimoto - US Patent 5,912,710, 1999 - Google Patents

... a monitor of 16:9 Graphics (**display aspect ratio** = 16:9 ... Interface Memory controller Main memory 13 **MasK** PCI IF ... 155 r- MEM Graphics/ controller **video** mfare RGB ...

Cited by 17 - Related articles - All 2 versions

Television system with variable aspect picture ratio

YC Faroudja - US Patent 4,951,149, 1990 - Google Patents

... **mask** and cabinet surrounding the **display** surface ... 25, 1988, entitled "Improved Film-to-**Video** Converter With Scan ... 12 are above and below the active **display area** ...

Cited by 8 - Related articles - All 2 versions

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... signals of either standard or wide aspect ratios displayed on a wide aspect ratio display

S Tsuchida - US Patent 5,146,331, 1992 - Google Patents

... shows a disPlav TM*a*e in the side **mask** mode justment ... top and bottom cut mode from a **video** signal of ... 7. An image **display** device according to claim 1, wherein ...

Cited by 5 - Related articles - All 2 versions

Video display apparatus for pictures with different aspect ratios

E Yamazaki - US Patent 5,193,006, 1993 - Google Patents

... 1987 shows a technique in which a **mask** plate 65 FIG. ... is stored temporarily in memory, only the **video** signal (say ... near the end of the picture **display area** on the ...

Cited by 4 - Related articles - All 4 versions

... subject to different aspect ratio displays by operating unused display portions at brightness ...

GK Srivastava - US Patent 5,291,295, 1994 - Google Patents

... multiplexer 26 which, in with a movable curtain or **mask**. ... levels of the edges of the 4:3 AR **video display**. ... edges of the 40 4:3 **aspect ratio display** 46, they are ...

Cited by 4 - Related articles - All 2 versions

Computer based display system allowing mixing and windowing of graphics and video

AP Mariton, DA Fielder, VG Halstead, TR ... - US Patent 5,594,467, 1997 - Google Patents

... [57] ABSTRACT Re. 32,201 4,282,546 4,317,114 A computer based **video**/graphics **display** system includes a computer system having a graphics generator. ...

Cited by 16 - Related articles - All 2 versions

Apparatus for processing video signals having different aspect ratios

T Kobayashi, H Takimoto, T Hori, H Fukuoka, ... - US Patent 5,347,318, 1994 - Google Patents

... circuit 148 or an output of the **mask** Referring to ... to the distances operation unit

154 to **display** selectable modes ... The central **area** of the **video** image with the ...

Cited by 13 - Related articles - All 2 versions

[PDF] ► **Developing tiled projection display systems**

M Hereld, IR Judson, J Paris, RL Stevens - ... of Fourth Immersive Projection Technology Workshop, 2000 - www-new.mcs.anl.gov

... experimented with falloff compensation using alpha **masks** computed to ... on an unmodified low cost **video** camera. ... The ActiveMural **display area** is 16 feet wide and 8 ...

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Flexible upconversion for high quality TV and multimedia displays

N Seth-Smith, G Walker - Consumer Electronics, 1996. Digest of Technical ..., 1996 - ieeexplore.ieee.org

... rate on the already congested write side of the **Video** RAM. ... to present the **display** device with the right number of lines for optimum ... In the case of a slot **mask** ...

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Display system with switchable aspect ratio

EN Linzer - US Patent 5,638,130, 1997 - Google Patents

... screen area is used to display all or part of the ... or cable) or ac P1 stored on a video tape, it ... aspect ratio using either the pan-scan or letterbox method ju ...

Cited by 10 - Related articles - All 2 versions

16: 9 aspect ratio conversion by letterbox method for an MPEG image

B Vuong, C Anderson - US Patent 6,115,072, 2000 - Google Patents

... B-pictures), the 16:9 letter box mode can ... apparatus for converting a digital video image to ... and display time incurred with letterbox aspect ratio con- versions ...

Cited by 7 - Related articles - All 4 versions

A flexible display module for DVD and set-top box applications

R Li, NK Chung, KT Mo, DM Fisher, V Wong - IEEE Transactions on Consumer Electronics, 1997 - ieeexplore.ieee.org

... but at the cost of silicon area (2M+NL ... cess is required to load the video data from ... filtering coeffi- cients for interlaced format letter-box display, top field ...

Cited by 17 - Related articles - BL Direct - All 3 versions

... multiple aspect ratio video signals from motion picture disk recorded in a single aspect ratio

CJ Cookson, LS Ostrover, WN Lieberfarb... - US Patent 5,400,077, 1995 - Google Patents

... VERSION B BIT RATED "R" ABORT NO VIDEO NO PRESENT ... YES SELECT CHAPTER DISPLAY LANGUAGE

NO DISPLAY CHOICES: • CENTER CUT • LETTER BOX SELECT DISPLAY ...

Cited by 14 - Related articles - All 2 versions

Aspect ratio control for picture overlays

NH Ersoz, TW Saeger - US Patent 5,313,303, 1994 - Google Patents

... A multiplexer combines the video signals for si- multaneous display. ... with the dis- play for the other video signal. ... X g G: co X CO X C3 \ 16X9 LETTERBOX ON 4X3 ...

Cited by 21 - Related articles - All 6 versions

Multiple display formats for letterbox signal

E Rodriguez-Cavazos, G Gleim, J Chauvin - US Patent 5,136,398, 1992 - Google Patents

... This special display format is often referred to as the ... A letterbox signal can be thought of as having an ... smaller than that of a conventional video signal. ...

Cited by 7 - Related articles - All 2 versions

Managing letterbox displays

GA Kranawetter, TW Saeger, DH Willis - US Patent 5,249,049, 1993 - Google Patents

... display the input video signal in the maxi- live video is detected ... display area, or with maximum vertical text for display in the letterbox borders of the ...

Cited by 8 - Related articles - All 5 versions

Real-time decoding and display of structured video

VM Bove Jr, BD Granger, JA Watlington - Multimedia Computing and Systems, 1994., Proceedings ..., 1994 -

ieeexplore.ieee.org

... Allowing the creator of the **video** sequence to ... tradeoffs ("pan-and-scan" versus "letterboxing") necessary to compensate for source-to- **display** mismatch ...

Cited by 17 - Related articles - All 3 versions

Automatic letterbox detection

PD Filliman, NH Ersoz, TW Saeger, DJ ... - US Patent 5,486,871, 1996 - Google Patents

... 5,486,871 AUTOMATIC LETTERBOX DETECTION The invention relates ... picture displays for asynchronous **video** signals, and ... televisions having a wide **display** 5 format ...

Cited by 9 - Related articles - All 7 versions

Automatic detection of **letterbox** and subtitles in **video**

V Markandey - US Patent 6,340,992, 2002 - Google Patents

... and below the 16:9 image 302 **video** lines have ... change between the image and the **letterbox** border. ... which use only intensity may falsely detect **letterboxing** in non ...

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[» Learn More](#)**Rights and Permissions**[» Learn More](#)**A flexible display module for DVD and set-top box applica**

Renxiang Li, Chung, N.K., Mo, K.T., Fisher, D.M., Vena Wong
 Motorola Semicond. Hong Kong Ltd., Tai Po;

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 Publication Date: Aug 1997

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On page(s): 496-503

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Location: Rosemont, IL, USA

ISSN: 0098-3063

References Cited: 2

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Abstract

This paper presents a flexible, multi-mode display module for DVD and set-top box (STB) display module features: (1) vertical/horizontal post processing for chroma upsampling and (2) aspect ratio conversion for displaying 16:9 or 4:3 decoded pictures on either 16:9 or 4:3 programmable, window based display with half or double window resizing; (4) sub-picture overlay. All these functions are supported for both interlaced and progressive picture formats as NTSC systems

Index Terms

Inspec

Controlled Indexing

digital television image colour analysis image sampling telecommunication standards television receivers television standards video signal processing

Non-controlled Indexing

16:9 decoded pictures 4:3 decoded pictures DVD NTSC OSD overlay PAL conversion chroma upsampling flexible multi-mode display module interlaced picture formats progressive picture formats rate conversions set-top box applications picture mixing user programmable window based display vertical/horizontal post processing window resizing

Author Keywords

Not Available

Medical Subject Heading (MeSH Terms)

Not Available

PACS Codes

Not Available

DOE Thesaurus Terms

Not Available

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1

B. G. Haskell, A. Puri, and A. N. Netravali, *Digital video: an introduction to MPEG-2*, New York: International Thomson Publishing, 1996.

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video black bar vertical horizontal display area [1990] -

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Television system with variable aspect picture ratio

YC Faroudja - US Patent 4,951,149, 1990 - Google Patents

... 1988, entitled "Improved Film-to-**Video** Converter With ... scan deflections so that the **black bars** 14 and ... will operate with **horizontal** and **vertical** deflection gains ...

Cited by 8 - Related articles - All 2 versions

Aspect ratio control for picture overlays

NH Ersoz, TW Saeger - US Patent 5,313,303, 1994 - Google Patents

... 5,313,303 May 17, 1994 [54] **ASPECT RATIO CONTROL FOR** ... circuit supplies information from the **video** memory synchronously with a **display** for an ...

Cited by 21 - Related articles - All 6 versions

Method for masking picture reinforcement signals carried within the vertical interval

YC Faroudja - US Patent 4,959,717, 1990 - Google Patents

... not been coherent with the **video** information, the ... of the picture, and any **vertical** interval informa ... becomes visible within the **black horizontal bar** typically at ...

Cited by 11 - Related articles - All 4 versions

Wireless remote control and zoom system for a video display apparatus

K Heberle - US Patent 5,302,968, 1994 - Google Patents

... line by the zoom circuit shown in **bar** is either ... to use the click the original digitized **video** signal Vd. ... include picture-in-picture there are **black** stripes at ...

Cited by 10 - Related articles - All 2 versions

Wide-screen TV signal transmission apparatus

Y Yasumoto, S Kageyama, S Inoue, H ... - US Patent 5,442,403, 1995 - Google Patents

... using quadrature modulation of the **video** carrier ... the conven- tional receiver although **black bars** appear both ... Using these **black** parts, we can transmit additional ...

Cited by 6 - Related articles - All 4 versions

... assist conversion of a letterbox standard aspect ratio television signal to a wide aspect ratio...

E Geiger, HJ Platte, M Plantholt, D ... - US Patent 5,268,751, 1993 - Google Patents

... Broadcasting World" by Y. Ono, Better **Video** Images, 23rd ... region (ie, be- tween synchronization and **black** level ... re- ceiver the additional signal in **bar** regions 31 ...

Cited by 3 - Related articles - All 2 versions

[PDF] ► Display characteristics and the impact on usability for stereo

JW Roberts, OT Slattery - PROC SPIE INT SOC OPT ENG, 2000 - Citeseer

... appear coarser or blockier with color **bar** pixel configuration ... The digital **video** formats have a fixed set of ... Grayscale (referring to both **black-and-white** and ...

Cited by 11 - Related articles - All 8 versions

Television signal scan conversion system with reduced noise sensitivity

SD Casavant, SS Perlman - US Patent 5,225,907, 1993 - Google Patents

... The information conveyed to the **video** pro- cessor is ... and level shifted in a **black** image direction to ... helper signal information from the **bar** regions into the ...

[Cited by 5 - Related articles - All 2 versions](#)

Method and apparatus for automatic aspect format detection in digital video pictures

S Weitbruch - US Patent 6,366,706, 2002 - Google Patents

... Reference number 12 denotes a **horizontal** transition on the whole picture width. ... No **black bars** will appear in this case in the **video** picture displayed on a ...

[Cited by 4 - Related articles - All 2 versions](#)

Television signal scan conversion system with motion adaptive processing

SD Casavant, SS Perlman - US Patent 5,235,417, 1993 - Google Patents

... repeated information is conveyed to the **video** proces- format ... The fraction shifted in a **black** image direction to ... and sampled and mapped into one **bar** line at the ...

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[book] Three-dimensional television, video and display technology

B Javidi, F Okano - 2002 - books.google.com

... of Digital Holograms for Three-Dimensional **Video** TJ Naughton ... XVII 16.8 Seeing Depth with **Black** and White ... of Pupil Size 445 18.4.2 **Display Area** of Stereoscopic ...

Cited by 134 - Related articles - All 3 versions

[book] The art of digital video

J Watkinson - 2000 - books.google.com

... 2.3 Scanning 40 2.4 Synchronizing 42 2.5 **Black-level clamping** ... Introducing digital **video** 5 t \ C \ f V (; a ... efficient if the **horizontal** and **vertical** spacing are ...

Cited by 53 - Related articles - All 4 versions

MPEG-7 Videotext description scheme for superimposed text in images and video

N Dimitrova, L Agnihotri, C Dorai, R Bolle - Signal Processing: Image Communication, 2000 - Elsevier

... differentiate the colors white, yellow and **black**, which are predominantly used for text in **video**. ... Three counters are used for three **vertical** portions of the ...

Cited by 8 - Related articles - All 5 versions

[book] Digital video camerawork

P Ward - 2000 - books.google.com

... A **video** camera requires a mechanism to scan a ... for those viewers watching on **black** and white ... scanning principle - **Horizontal** flyback - **Vertical** flyback The ...

Cited by 5 - Related articles - All 3 versions

[book] An introduction to digital video

J Watkinson - 2001 - books.google.com

... most efficient if the **horizontal** and **vertical** spacing are ... 6 An Introduction to Digital **Video** What is binary? ... is not subject to misinterpretation **Black** White In ...

Cited by 11 - Related articles - All 2 versions

[book] DTV handbook: the revolution in digital video

JC Whitaker - 2001 - books.google.com

... satellite television • Personal computers • **Video-on-demand** ... which would also receive **black** and white ... was changed slightly, thus the **vertical** frequency was ...

Cited by 16 - Related articles - All 2 versions

[book] Basic betacam camerawork

P Ward - 2001 - books.google.com

... FILTERS 54 WHITE BALANCE 56 **BLACK** BALANCE 58 ... the subjective choices available in **video** acquisition. ... **Horizontal** deflection of scanning beam **Vertical** flyback The ...

Cited by 2 - Related articles - All 3 versions

Videometric applications in wind tunnels

AW Burner, RH Radeztsky, T Liu - 1997 - portal.acm.org

... The **video** system viewed a **black/white** edge mounted on the indexing table, while the Optotrak® system viewed a mounted **bar** containing LED's. ...

Cited by 17 - Related articles - All 7 versions

System and process for creating an interactive presentation employing multi-media ...

J Deutscher, S Gogia - US Patent App. 10/183,830, 2002 - Google Patents

... AI ^rv -| SPEAKERS ^-197 i N REMOTE COMPUTER -| PRINTER IDE **AREA** NETWORK CO CAMERA
P LOCAL **AREA** I NETWORK ... i n u i LU o en n i CD J u o n **VIDEO** INTERFACE / frt ...

All 4 versions

User selectable earth imagery on-line e-commerce and fulfillment system

C Freedenberg, JJ Wasilewski, DA Parkes - US Patent App. 09/934,037, 2001 - Google Patents

... is constrained to a fixed **horizontal to vertical aspect ratio**. ... imagery, imagery derived
information or **video** clips ... **black** and white, and the level of processing ...

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B Javidi, F Okano - 2002 - books.google.com

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[\[PDF\]](#) [Speech-based information retrieval for digital libraries- ►psu.edu](#) [\[PDF\]](#)

DW Oard - 1997 - aaai.org

... pattern is intended for use with a **black** background. ... A slider **bar** should be provided to allow users to ... **Video** scene analysis can provide additional cues for the ...

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J Watkinson - 2000 - books.google.com

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[\[PDF\]](#) ► [Data Entry and Administrative Tools for a Video-on-Demand Metadata Database](#)

DR Bacher - Master's Report, University of California, Berkeley, 1996 - bmrc.berkeley.edu

... and the current position marked as a **vertical black** line. ... the **video** stream, scanning through the **video** in order ... The control **bar** located below the **video display** ...

Cited by 2 - Related articles - View as HTML - All 18 versions

[Transport stream packet map display](#)

MT Corl, CG Thomas, PH Caputo, DA ... - US Patent App. 09/832,105, 2001 - Google Patents

... different types of transport packets: audio, **video**, data, PSIP ... A button for which half is **black** indicates that ... In a normal **display**, this **bar** repeatedly "sweeps" ...

All 4 versions

[Visual digests for news video libraries- ►cmu.edu](#) [\[PDF\]](#)

MG Christel - Proceedings of the seventh ACM international ..., 1999 - portal.acm.org

... page through and scan hundreds of result relevance **bars**. ... on co-occurrences of **black** frames, numerous ... audio characteristics [S]. Future **video** segmentation would ...

Cited by 37 - Related articles - All 6 versions

[Apparatus and method for creation of a user definable video displayed document showing ...](#)

JS Risberg, MD Skeen - US Patent 5,339,392, 1994 - Google Patents

... FOR CREATION OF A USER DEFINABLE **VIDEO** DISPLAYED DOCUMENT ... several real time data values, **bar** graphs of ... Cancel) (OK } • **Horizontal** O **Vertical** Black White Red ...

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[\[PDF\]](#) ► [A Tcl/Tk-based video annotation engine](#)

M Carrer, L Ligresti, TDC Little - Proceedings of the 5th conference on Annual Tcl/Tk ..., 1997 - Citeseer

... It will be highlighted by changing its color to **black**. ... Figure 5: Annotation Window for the Whole **Video**. ... pointed element are updated in the **bar** in real time. ...

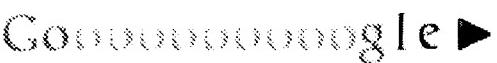
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VIMS: a video information management system

JCM Lee, Q Li, W Xiong - Multimedia Tools and Applications, 1997 - Springer

... been conducted on both color and **black/white video**. ... through CCM) to extract all images containing two **vertical bars**. ... has been applied to the **video** tape, "94 ...Cited by 19 - Related articles - BL Direct - All 5 versions**Generation, archiving, and retrieval of digital images with evoked suggestion-set captions ...**

A Balogh, H Blejer, E Chen, S Flank, C ... - US Patent 5,493,677, 1996 - Google Patents

... G06F 15/403 Primary Examiner—Thomas G. Black Assistant Examiner—Paul R. Lintz ... captions and other data, collectively known as the **metadata** associated with ...Cited by 54 - Related articles - All 2 versions
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[BOOK] Three-dimensional television, video and display technology

B Javidi, F Okano - 2002 - books.google.com

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465 19.3.2 Cylindrical Display System 469 19.4 Video Image Capture ...

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[PDF] ► Data Entry and Administrative Tools for a Video-on-Demand Metadata Database

DR Bacher - Master's Report, University of California, Berkeley, 1996 - bmrc.berkeley.edu

... when a user has modified it in the display area. ... Modifications to the metadata can be stored to the ... The control bar located below the video display provides the ...

Cited by 2 - Related articles - View as HTML - All 18 versions

Simplifying video editing using metadata- ► psu.edu [PDF]

J Casares, AC Long, BA Myers, R Bhatnagar, ... - Proceedings of the 4th conference on Designing ... , 2002 - portal.acm.org

... Clips in this area are not part of the composition, but are easily available, which is ... It can display different tracks, including multiple video ...

Cited by 34 - Related articles - All 11 versions

[PDF] ► Adapting multimedia internet content for universal access

R Mohan, JR Smith, CS Li - IEEE Transactions on Multimedia, 1999 - Citeseer

... items may not have fixed width and height, but display area may be ... 12 6. Hardware requirements, such as display for images, support for audio and video. ...

Cited by 434 - Related articles - View as HTML - All 14 versions

[PDF] ► Display Utility for Viewing Extracted Surveillance Metadata from a Watermarked MPEG

...
D Cinalli - 2002 - vview.villanova.edu

... by simultaneously displaying the correct metadata in time with the displaying video.

In order to synchronously display the correct metadata with the ...

Related articles - View as HTML

Transport stream packet map display

MT Corl, CG Thomas, PH Caputo, DA ... - US Patent App. 09/832,105, 2001 - Google Patents

... EPG) support (another type of metadata) can include ... be called when the block area ** needs to ... DTV) diagnostic instrument comprising: a video display device (VDD ...

All 4 versions

Apparatus and method for creation of a user definable video displayed document showing

JS Risberg, MD Skeen - US Patent 5,339,392, 1994 - Google Patents

... FOR CREATION OF A USER DEFINABLE VIDEO DISPLAYED DOCUMENT ... Metadata and style maps are used to offload some ... ACTIVE OBJECT TO RENDER UPDATED DISPLAY OBJECT 120 ...

Cited by 135 - Related articles - All 7 versions

[PDF] ► Spheres of Influence

A Black, T Kuo, M Peljhan, M Quinn, B ... - Environmental Health Perspectives, 2001 - ilab.cs.ucsb.edu

... number, x and y positions, area, and average ... graphics architecture is implemented

to **display** a single ... blue marble satellite photography and **video** news segments ...

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Speech-based information retrieval for digital libraries- ► [psu.edu](#) [PDF]

DW Oard - 1997 - aaai.org

... **Video** scene analysis can provide additional cues for the detection of ... **Metadata Display**

The third major **display area** will contain data about the information ...

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Facilitating video access by visualizing automatic analysis- ► [psu.edu](#) [PDF]

A Girgensohn, J Boreczky, L Wilcox, J Foote - Human-computer Interaction, INTERACT'99: IFIP TC. ..., 1999 - books.google.com

... is helpful for several reasons: in an **area** of large ... in red at the top of the confidence score **display**. ... Study An initial version of the **video** database system ...

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465 19.3.2 Cylindrical **Display** System 469 19.4 **Video** Image Capture ...

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Transport stream packet map display

MT Corl, CG Thomas, PH Caputo, DA ... - US Patent App. 09/832,105, 2001 - Google Patents

... Picture and Television Engineers (SMPTE) 310M-1998 **format**. ... called when the block
area ** needs to ... diagnostic instrument comprising: a **video display** device (VDD ...

All 4 versions

[book] The art of digital video

J Watkinson - 2000 - books.google.com

... 11.21 DVC and DVCPRO 629 11.22 The D-9 **format** 640 References ... of the cathode ray tube
as a **display**, so that ... Introducing digital **video** 5 t\ C\f V(; a ; ; ft ...

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[PDF] ► A Tcl/Tk-based video annotation engine

M Carrer, L Ligresti, TDC Little - Proceedings of the 5th conference on Annual Tcl/Tk ..., 1997 - Citeseer

... does not allow a global view, the working **area** can be ... Figure 5: Annotation Window
for the Whole **Video**. ... rich the tool also provides a **display** the attributes of ...

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[PDF] ► Data Entry and Administrative Tools for a Video-on-Demand Metadata Database

DR Bacher - Master's Report, University of California, Berkeley, 1996 - bmrc.berkeley.edu

... when a user has modied it in the **display area**. ... an overview of the **video** in a **format**
designed to ... The control **bar** located below the **video display** provides the ...

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Visual digests for news video libraries- ►cmu.edu [PDF]

MG Christel - Proceedings of the seventh ACM international ..., 1999 - portal.acm.org

... By dragging the **area** shown beneath the arrow mouse ... shown in Figure 7. This particular
display of the ... Consider a **video** segment about orangutans that ends with ...

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JS Risberg, MD Skeen - US Patent 5,339,392, 1994 - Google Patents

... FOR CREATION OF A USER DEFINABLE VIDEO DISPLAYED DOCUMENT ... of the work of specifying
the **format** of the ... PARENT ACTIVE OBJECT TO RENDER UPDATED **DISPLAY** OBJECT 120 ...

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Format

A Xu, C Hill, N Carolina - Master paper, School of Information and Library ..., 2000 - ils.unc.edu

... and the software used to retrieve and **display** the data ... image of the eye onto a
solid-state **video** sensor ... plot that shows the scan paths and **area** of interests ...

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A Balogh, H Blejer, E Chen, S Flank, C ... - US Patent 5,493,677, 1996 - Google Patents

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[\[PDF\] ► Processing Numeric Table Data in Electronic Formats: Eye Movement Patterns and ...](#)

T Gao, C Hill, N Carolina - UNC School of Information and Library Science, 2001 - ils.unc.edu

... desk, with a 19-inch computer **display**, mouse, and ... 504 eye tracking system uses a **video camera** with ... Many fixation points on the **vertical and horizontal bar area** ...

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